



GREENSPEC[®] Product Listings & Guideline Specifications from BuildingGreen

DIRECTORY 5TH EDITION



argon-filled, low-emissivity SmartSash glazing. The exterior is clad with recycled aluminum finished with a baked-on EnduraClad™ coating. A number of Pella windows have unit U-factors at or below 0.25.

Most recently mentioned in EBN 5:2

High-Performance Wood Windows

Weather Shield Manufacturing, Inc.
1 Weathershield Plz.
P.O. Box 309
Medford, WI 54451

Toll-free: 800-477-6808
Phone: 715-748-2100
Fax: 715-748-0169
www.weathershield.com

Weather Shield offers a wide range of wood window products and glazing options. The highest performing glazing options are Value R6 and Value R10. Value R6 is a triple-glazed, argon-filled panel with two low-e surfaces. Value R10 is similar to Value R6 but contains a krypton/argon gas mix. Among the lowest unit U-factors found in the NFRC Certified Products Directory are 0.16 for commercial-sized fixed windows and 0.17 for residential-sized.

Most recently mentioned in EBN 5:2

08561 Vinyl Windows

A number of environmental problems are associated with vinyl (PVC)—relating to disposal through incineration and to various additives that are compounded into the vinyl products (stabilizers, plasticizers, flame retardants). Because vinyl is a fairly durable, low-maintenance, and inexpensive material for window fabrication, some are included in this directory. To be approved for inclusion, however, vinyl windows must contain recycled content, or the NFRC-based unit U-factor must be extremely low (0.20 or lower). Achieving this level of energy performance requires a combination of leading-edge technologies. Some of the highest-performance windows on the market are vinyl replacement windows—in part because these products are marketed directly to homeowners, who are generally more open to energy-saving features than the building professionals who typically specify windows for new construction.

High-Performance Vinyl Replacement Windows

Accent Windows, Inc.
12300 Pecos St.
Westminster, CO 80234

Toll-free: 888-284-3948
Phone: 303-420-2002
Fax: 303-432-8674
www.accentwindows.com

Accent Windows is a Colorado manufacturer of vinyl replacement windows. The company uses low-e glass coatings (LoElite™) or suspended Heat Mirror™ films, along with argon or argon/krypton gas-fills to achieve some of the highest energy performance of any replacement windows. Unit U-factors are as low as 0.15. The company estimates that 50–60% of sales are of super-high-performance products (unit U-factor less than 0.30). All Accent windows are custom-manufactured, so the dimensions will be optimized to the window opening. The company serves the mountain region from Billings, Montana to Albuquerque, New Mexico.

Renewal by Andersen Windows

Andersen Windows
9900 Jamaica Ave. S
Cottage Grove, MN 55016

Toll-free: 866-773-6392
Phone: 651-264-4000
Fax: 651-264-4070
www.andersenwindows.com

Andersen's Renewal by Andersen® line of windows features frames and sashes made from Fibrex® material, a post-industrial wood and waste-PVC composite with a coextruded virgin PVC exterior coating. Low-e2 from Cardinal IG is standard in all products. Andersen has been recognized by the EPA and DOE, through their ENERGY STAR® programs, for offering and promoting the use of high-performance windows. In 1998 Andersen Windows became the first Energy Star Windows Partner. The highest-performance Renewal by Andersen® windows in the NFRC Certified Products Directory have unit U-factors of 0.29 and qualify for GreenSpec because of their recycled content.

Most recently mentioned in EBN 5:2 & 5:5

High-Performance Vinyl Replacement Windows

Gilkey Window Company, Inc.
3625 Hauck Rd.
Cincinnati, OH 45241

Toll-free: 800-878-7771
Phone: 513-769-4527
Fax: 513-769-2567
www.gilkey.com

Gilkey Window manufactures custom vinyl replacement windows for Ohio, Kentucky, and the Upper Midwest. The company offers a wide range of glazing options and actively promotes super-high-performance windows as well as the strategy of using glazings specifically "tuned" to the orientation. Among the glazing options is a "quad" option with both a low-e coating on two glass panes and a suspended Heat Mirror® coating, with krypton gas-fill and warm-edge glass spacers. The NFRC Certified Products Directory lists products with unit U-factors as low as 0.14 (R-7.1). Company sales reps carry Btu meters to explain and demonstrate energy savings potential to prospective customers, and a 20% energy savings guarantee is provided with certain windows.

High-Performance Vinyl Replacement Windows

Gorell Enterprises, Inc.
1380 Wayne Ave.
Indiana, PA 15701

Toll-free: 800-9-GORELL
Phone: 724-465-1800
Fax: 724-465-1894
www.gorell.com

Gorell was founded as a manufacturer of vinyl windows in 1994. The company offers a number of energy-conserving glazing options for replacement and new-construction applications, including several that meet the GreenSpec criteria for vinyl windows. All Gorell windows feature heavy-duty construction with four-point fusion welding and the PPG Intercept spacer system. Gorell's highest-performing glass is Thermal Master III, a triple-glazed unit with two low-e coatings and krypton gas-fill. The highest-performance Gorell products in the NFRC Certified Products Directory have unit U-factors as low as 0.17.

High-Performance Vinyl Replacement Windows

Kensington Windows, Inc.
1136 Industrial Park Dr.
Vandergrift, PA 15690

Toll-free: 800-444-4972
Phone: 724-845-8133
Fax: 724-845-9151
www.kensingtonwindows.com

Kensington manufactures fairly high-end vinyl replacement windows sold primarily through dealers east of the Rocky Mountains. The company emphasizes energy efficiency and offers dozens of products that exceed the GreenSpec criteria for super energy performance. The highest-performance windows have two panes with low-e coatings, plus a suspended Heat Mirror film (for a total of three low-e coatings), krypton gas-fill, and foam-filled vinyl frames.

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Doors &
Windows